L Number	Hits	Search Text	DB	Time stamp
4	12	((ofdm\$2 AND (ofdm\$2 discrete or	USPAT;	2003/09/06 12:10
		orthogonal) SAME (uplink or downlink))	US-PGPUB;	
		AND (tdma ot tdm ot time\$1slot or time adj	EPO; JPO;	
_	, ,	slot) and @ad <= "19981125"	DERWENT USPAT;	2003/09/06 11:54
5	63	ofdm\$2 AND (ofdm\$2 OR discrete or orthogonal) AND (uplink or downlink) and	US-PGPUB;	2003/09/00 11.34
		@ad <= "19981125"	EPO; JPO;	
		644 (13301123	DERWENT	
6	28	(ofdm\$2 AND (ofdm\$2 OR discrete or	USPAT;	2003/09/06 11:36
		orthogonal) AND (uplink or downlink) and	US-PGPUB;	
		@ad <= "19981125") and ofdm\$2 AND	EPO; JPO;	
	ļ	(ofdm\$2 OR discrete or orthogonal) SAME	DERWENT	
		(assign\$4 or allocat\$4 or designat\$4 or		
_	19	schedgul\$4) (ofdm\$2 AND (ofdm\$2 OR discrete or	USPAT;	2003/09/06 11:37
7	19	orthogonal) AND (uplink or downlink) and	US-PGPUB;	2003/03/00 11.3/
		@ad <= "19981125") and (assign\$4 or	EPO; JPO;	
		allocat\$4 or designat\$4 or schedgul\$4)	DERWENT	
		with (dynamic\$4 or variabl\$4)		
8	14	((ofdm\$2 AND (ofdm\$2 OR discrete or	USPAT;	2003/09/06 11:37
		orthogonal) AND (uplink or downlink) and	US-PGPUB;	
		@ad <= "19981125") and ofdm\$2 AND	EPO; JPO;	
		(ofdm\$2 OR discrete or orthogonal) SAME	DERWENT	
	1	(assign\$4 or allocat\$4 or designat\$4 or schedgul\$4)) and ((ofdm\$2 AND (ofdm\$2 OR		
İ		discrete or orthogonal) AND (uplink or		
		downlink) and @ad <= "19981125") and		
		(assign\$4 or allocat\$4 or designat\$4 or		
		schedgul\$4) with (dynamic\$4 or variabl\$4))		
9	10	(((ofdm\$2 AND (ofdm\$2 OR discrete or	USPAT;	2003/09/06 11:52
		orthogonal) AND (uplink or downlink) and	US-PGPUB;	
		@ad <= "19981125") and ofdm\$2 AND (ofdm\$2 OR discrete or orthogonal) SAME	EPO; JPO; DERWENT	
ļ		(assign\$4 or allocat\$4 or designat\$4 or	DEKWENT	
		schedgul\$4)) and ((ofdm\$2 AND (ofdm\$2 OR	į	
		discrete or orthogonal) AND (uplink or	-	
		downlink) and @ad <= "19981125") and		
		(assign\$4 or allocat\$4 or designat\$4 or		
		schedgul\$4) with (dynamic\$4 or		
		variabl\$4))), and (bandwidth or capacity or		
		set or subset or group or subgroup) with (uplink or up\$1stream or downlink or		
		down\$1stream)		
10	17	adaptive WITH tone WITH allocation	USPAT;	2003/09/06 11:53
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT	2002/00/06 11:52
11	18	adaptiv\$4 WITH tone WITH allocation	USPAT;	2003/09/06 11:53
			US-PGPUB; EPO; JPO;	
			DERWENT	
12	1	(adaptiv\$4 WITH tone WITH allocation)	USPAT;	2003/09/06 11:57
		and (adaptiv\$4 WITH tone WITH	US-PGPUB;	
		allocation) same (uplink or downlink)	EPO; JPO;	
			DERWENT	0000/00/05 15 15
13	9	(adaptiv\$4 WITH tone WITH allocation)	USPAT;	2003/09/06 12:13
		and @ad <= "19981125" .	US-PGPUB;	
			EPO; JPO; DERWENT	
14	0	((adaptiv\$4 WITH tone WITH allocation)	USPAT;	2003/09/06 11:57
• •	I	and @ad <= "19981125") and (uplink	US-PGPUB;	
		or downlink)	EPO; JPO;	
			DERWENT	
15	1		USPAT;	2003/09/06 11:57
		and @ad <= "19981125") and base ADJ	US-PGPUB;	
		station	EPO; JPO;	
16	2411	ofdms2 AND /subsiderrior or topo	DERWENT USPAT;	2003/09/06 12:11
16	3411	ofdm\$2 AND (sub\$1carrier or tone discrete or orthogonal)	US-PGPUB;	2003/03/00 12:11
		arboroco or orenogonary	EPO; JPO;	
			DERWENT	
	·			

				T2002/00/06 12:12
17	100	(ofdm\$2 AND (sub\$1carrier or tone discrete or orthogonal)) and (bandwdth ofdm\$2 sub\$1carrier or tone discrete or	USPAT; US-PGPUB; EPO; JPO;	2003/09/06 12:13
		orthogonal) SAME (allocat\$4 or adaptiv\$5) SAME (uplinc or downlink or upstream or downstream)	DERWENT	
18	21	((ofdm\$2 AND (sub\$1carrier or tone discrete or orthogonal)) and (bandwdth ofdm\$2 sub\$1carrier or tone discrete or orthogonal) SAME (allocat\$4 or adaptiv\$5) SAME (uplinc or downlink or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/06 12:45
		upstream or downstream)) and @ad <= "19981125"		
_	67	ofdma	USPAT; US-PGPUB; EPO; JPO;	2003/03/14 11:32
_	3579	ofdm	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/14 11:31
-	0	ofdm\$fdd	DERWENT USPAT; US-PGPUB;	2003/03/13 12:02
-	0	ofdm\$1fdd	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:02
-	3613	ofdma ofdm	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:02
-	127	(ofdma ofdm) and (ofdma or fdma) WITH (fdd or frequency adj division duplex\$4)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:11
-	24	((ofdma ofdm) and (ofdma or fdma) WITH (fdd or frequency adj division duplex\$4)) and @ad <= "19981125"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:12
-	326	8and (ofdma or fdma) WITH uplink	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:09
-	2	(((ofdma ofdm) and (ofdma or fdma) WITH (fdd or frequency adj division duplex\$4)) and (ad <= "19981125") and (ofdma or fdma)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/14 11:32
-	1929	WITH uplink	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:19
-	654	((ofdma ofdm) and (ofdma or ofdm) WITH (fdd or frequency adj division duplex\$4)) and @ad <= "19981125"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:20
-	10		DERWENT USPAT; US-PGPUB;	2003/03/13 12:12
-	17	WITH uplink	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:19
-	4	((ofdma ofdm) and (ofdma or ofdm) WITH (fdd or frequency adj division ADJ duplex\$4)) and @ad <= "19981125"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/13 12:20
			DERWENT	

				·	_
-	3930	ofdm or ofd	USPAT; US-PGPUB;	2003/03/24 08:1	7
			EPO; JPO;		
_		(ofdm or ofd) and fixed adj wireless adj	DERWENT USPAT;	2003/03/24 08:2	7
	•	loop	US-PGPUB;		
		-	EPO; JPO;		
	70	(ofdm or ofd) and fixed adj wireless	DERWENT USPAT;	2003/03/24 08:1	۹
-	'0	(Oldin of Old) and lixed adj wileless	US-PGPUB;	2003/03/24 00.1	^
		·	EPO; JPO;		j
	2	((ofdm or ofd) and fixed adj wireless)	DERWENT USPAT;	2003/03/24 08:3	1
] -		and @ad <= "19981125"	US-PGPUB;	2003/03/24 00.3	٦
			EPO; JPO;		- 1
1_	3056	orthogonal adj frequency	DERWENT USPAT;	2003/03/24 08:2	5
	3030	Offinogonal adj frequency	US-PGPUB;	2003,03,21 00.2	٦
			EPO; JPO;		
	1286	 (orthogonal adj frequency) and @ad <=	DERWENT USPAT;	2003/03/24 10:2	1
-	1280	"19981125"	US-PGPUB;	2003/03/24 10:2	^
			EPO; JPO;		
1_	10618	(sub\$carrier or carrier or channel) WITH	DERWENT USPAT;	2003/03/24 08:2	7
	10010	orthogonal	US-PGPUB;	2000,03,21 0012	
		-	EPO; JPO;		
1_	7277	((sub\$carrier or carrier or channel) WITH	DERWENT USPAT;	2003/03/24 08:2	,
-	/2//	orthogonal) and @ad <= "19981125"	US-PGPUB;	2003/03/24 00.2	
		,	EPO; JPO;		
_	7994	((orthogonal adj frequency) and @ad <=	DERWENT USPAT;	2003/03/24 08:2	7
	7 7 7 7 7	"19981125") (((sub\$carrier or carrier or	US-PGPUB;	2003,03,21	
		channel) WITH orthogonal) and @ad <=	EPO; JPO;		
	3	"19981125") (((orthogonal adj frequency) and @ad <=	DERWENT USPAT;	2003/03/24 08:3	1
		"19981125") (((sub\$carrier or carrier or	US-PGPUB;	2000,00,01	-
		channel) WITH orthogonal) and @ad <=	EPO; JPO;		
		"19981125")) and fixed adj wireless adj	DERWENT		
_	19	(((orthogonal adj frequency) and @ad <=	USPAT;	2003/03/24 08:3	ı
		"19981125") (((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <=	US-PGPUB; EPO; JPO;		-
		"19981125")) and fixed adj (wireless or	DERWENT		ĺ
1		fwl)			
-	16	((((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or carrier or	USPAT; US-PGPUB;	2003/03/24 08:33	Ł
		channel) WITH orthogonal) and @ad <=	EPO; JPO;		
		"19981125")) and fixed adj (wireless or	DERWENT		
		<pre>fwl)) not ((((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or</pre>			
		carrier or channel) WITH orthogonal) and			
		@ad <= "19981125")) and fixed adj wireless			
-	16	adj loop) (((((orthogonal adj frequency) and @ad <=	USPAT;	2003/03/24 08:30	6
		"19981125") (((sub\$carrier or carrier or	US-PGPUB;		
		channel) WITH orthogonal) and @ad <=	EPO; JPO;		
		"19981125")) and fixed adj (wireless or fwl)) not ((((orthogonal adj frequency)	DERWENT		
		and @ad <= "19981125") (((sub\$carrier or			
		carrier or channel) WITH orthogonal) and @ad <= "19981125")) and fixed adj wireless			
		dad <= "19981125")) and fixed adj wireless adj loop)) and @ad <= "19981125"			
-	1709	wireless adj local ADJ loop	USPAT;	2003/03/24 08:35	5
			US-PGPUB; EPO; JPO;		
			DERWENT		
-	1		USPAT;	2003/03/24 08:36	5
		wireless adj local ADJ loop SAME (ofd or ofdma or ofdm)) and @ad <= "19981125"	US-PGPUB; EPO; JPO;		
		orana or oran,, and ead \- 19901125	DERWENT		
		<u> </u>		 	

	4	(wireless adj local ADJ loop) and	USPAT;	2003/03/24	08:38
		wireless adj local ADJ loop SAME (ofd or ofdma or ofdm)	US-PGPUB; EPO; JPO;		
		orana or orani)	DERWENT		
1_	13	ofdm\$2tdma	USPAT;	2003/03/24	10:21
	13	OTAMQ2 CAMA	US-PGPUB;	2000, 00, 21	10.61
			EPO; JPO;		
			DERWENT		
_	35	ofdm\$2cdma	USPAT;	2003/03/24	10:21
			US-PGPUB;		
			EPO; JPO;		
			DERWENT		
-	3	ofdm\$2fdma	USPAT;	2003/03/24	10:21
			US-PGPUB;		
			EPO; JPO;		
	4.0	- 5 1 6 0 + 1 5 1 6 0 - 1 5 1 6 0 6 1	DERWENT	2003/03/24	10.01
-	49	ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma	USPAT;	2003/03/24	10:21
			US-PGPUB; EPO; JPO;		
!			DERWENT		
_ :	14	(ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	USPAT;	2003/03/24	11 - 47
	1 7	@ad <= "19981125"	US-PGPUB;	2003/03/24	11.17
			EPO; JPO;		
			DERWENT		
-	2	((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	USPAT;	2003/03/24	10:25
		@ad <= "19981125") and uplink and downlink	US-PGPUB;		
			EPO; JPO;		
			DERWENT	l	
-	3	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT;	2003/03/24	10:29
		@ad <= "19981125") and hybrid	US-PGPUB;		
			EPO; JPO;		
			DERWENT	0000 (00 (04	
-	10	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/03/24	10:31
		@ad <= "19981125") not ((ofdm\$2tdma	US-PGPUB;		
		ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") and uplink and downlink) not (EPO; JPO; DERWENT		
		((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	DERWENT		
		@ad <= "19981125") and hybrid)			
_	6		USPAT;	2003/03/24	10:33
		@ad <= "19981125") not ((ofdm\$2tdma	US-PGPUB;		
		ofdm\$2cdma ofdm\$2fdma) and @ad <=	EPO; JPO;		
· ·		"19981125") and uplink and downlink) not (DERWENT		
		((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and			
		@ad <= "19981125") and hybrid)) and (ofdm			
	_	or ofdma)		0000 100 15	
_	6	((((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma)	USPAT;	2003/03/24	11:16
		and @ad <= "19981125") not ((ofdm\$2tdma	US-PGPUB;		!
		ofdm\$2cdma ofdm\$2fdma) and @ad <=	EPO; JPO; DERWENT		
	1	"19981125") and uplink and downlink) not (((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	DEVMENT		
		@ad <= "19981125") and hybrid)) and (ofdm			
		or ofdma)) and (subset or sub\$1channel or			
	,	sub\$1carrier or set)]		
_	3632		USPAT;	2003/03/24	11:47
			US-PGPUB;		
			EPO; JPO;		
			DERWENT		
-	1357	(ofdma or ofdm) and @ad <= "19981125"	USPAT;	2003/03/24	11:47
			US-PGPUB;		
			EPO; JPO;		
		(/26/2	DERWENT	2002/02/03	11 50
-	8	((ofdma or ofdm) and @ad <= "19981125")	USPAT;	2003/03/24	11:53
		and dynamic near2 assign\$5	US-PGPUB;		
			EPO; JPO;		
_	1	(((ofdma or ofdm) and @ad <= "19981125")	DERWENT USPAT;	2003/03/24	11.53
		and dynamic near2 assign\$5) and dynamic	US-PGPUB;	2003/03/24	11.33
		near2 assign\$5 same (sub\$1carrier or	EPO; JPO;	!	
		sub\$1channel or time adj slot)	DERWENT		
		1 ,		L	

_	13	((ofdma or ofdm) and @ad <= "19981125")	USPAT;	2003/03/24 11:53
		and dynamic near2 allocation	US-PGPUB;	•
			EPO; JPO;	
			DERWENT	
-	12	(((ofdma or ofdm) and @ad <= "19981125")	USPAT;	2003/03/24 11:54
		and dynamic near2 allocation) and dynamic	US-PGPUB;	
		near2 allocation same (carrier or slot or	EPO; JPO;	
		channel or bandwidth)	DERWENT	
-	115523	(wireless or cellular) and (mobile or	USPAT;	2003/09/05 07:01
		remote or subscriber)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	0003/00/05 07:01
-	28932	((wireless or cellular) and (mobile or	USPAT;	2003/09/05 07:01
	1	remote or subscriber)) and (base adj	US-PGPUB;	·
	1	station)	EPO; JPO; DERWENT	
	4400	/// 13 and /mobile on	USPAT;	2003/09/05 07:03
-	4423	(((wireless or cellular) and (mobile or remote or subscriber)) and (base adj	US-PGPUB;	2003/09/03 07:03
			EPO; JPO;	
		station)) and (uplink or upstream)	DERWENT	
	3787	((((wireless or cellular) and (mobile or	USPAT;	2003/09/05 07:03
-	3/8/	remote or subscriber)) and (base adj	US-PGPUB;	2303,03,03
		station)) and (uplink or upstream)) and	EPO; JPO;	
		(downlink or downstream)	DERWENT	
_	1166	(((((wireless or cellular) and (mobile or	USPAT;	2003/09/05 07:04
-	1100	remote or subscriber)) and (base adj	US-PGPUB;	2000, 00, 00 01101
		station)) and (uplink or upstream)) and	EPO; JPO;	
		(downlink or downstream)) and (ofdma fdm	DERWENT	
		or fdma or fdd)		
_	19	(((((wireless or cellular) and (mobile or	USPAT;	2003/09/04 16:53
		remote or subscriber)) and (base adj	US-PGPUB;	
		station)) and (uplink or upstream)) and	EPO; JPO;	
	1	(downlink or downstream)) and (ofdma)	DERWENT	
-	1	((((((wireless or cellular) and (mobile	USPAT;	2003/09/04 16:55
	l	or remote or subscriber)) and (base adj	US-PGPUB;	
		station)) and (uplink or upstream)) and	EPO; JPO;	
	-	(downlink or downstream)) and (ofdma)) and	DERWENT	
		@ad <= "19981125"		0000/00/04 16:55
- ,	486	((((((wireless or cellular) and (mobile	USPAT;	2003/09/04 16:55
•		or remote or subscriber)) and (base adj	US-PGPUB; EPO; JPO;	
		station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm	DERWENT	
		or fdma or fdd)) and @ad <= "19981125"	DERWENT	
	186145	((((((wireless or cellular) and	USPAT;	2003/09/04 16:56
-	100143	(mobile or remote or subscriber)) and	US-PGPUB;	2003,03,01 10.00
		(base adj station)) and (uplink or	EPO; JPO;	
		upstream)) and (downlink or downstream))	DERWENT	
		and (ofdma fdm or fdma or fdd)) and @ad		
		<pre><= "19981125") and orthogonal\$\$ nera2</pre>		
		tone		
-	3	((((((wireless or cellular) and	USPAT;	2003/09/04 16:56
		(mobile or remote or subscriber)) and	US-PGPUB;	
		(base adj station)) and (uplink or	EPO; JPO;	
		upstream)) and (downlink or downstream))	DERWENT	
	l	and (ofdma fdm or fdma or fdd)) and @ad		
	1	<= "19981125") and orthogonal\$5 near2		
		tone		
-	329179	wireless or cellular	USPAT;	2003/09/05 07:00
	1		US-PGPUB;	
	1		EPO; JPO;	
		l	DERWENT	2002/00/05 07 25
-	115523	(wireless or cellular) and (wireless or	USPAT;	2003/09/05 07:01
1		cellular) and (mobile or remote or	US-PGPUB;	
		subscriber) .	EPO; JPO;	
	20020	//	DERWENT	2002/00/05 07:02
-	28932	((wireless or cellular) and (wireless or	USPAT; US-PGPUB;	2003/09/05 07:02
	1	cellular) and (mobile or remote or subscriber)) and ((wireless or cellular)	EPO; JPO;	
		and (mobile or remote or subscriber)) and	DERWENT	
	1	(base adj station)	DUIMBLY I	
L	J	I wane aaj beactorij	l	· ·

_	28932	((wireless or cellular) and (wireless or	USPAT;	2003/09/05 07:02
	1 20352	cellular) and (mobile or remote or	US-PGPUB;	-322, 32, 33
		subscriber)) and ((wireless or cellular)	EPO; JPO;	
		and (mobile or remote or subscriber)) and	DERWENT	
		(base adj station)		•
_	4423	(((wireless or cellular) and (wireless	USPAT;	2003/09/05 07:03
	1125	or cellular) and (mobile or remote or	US-PGPUB;	2000,00,00
		subscriber)) and ((wireless or cellular)	EPO; JPO;	
	·	and (mobile or remote or subscriber)) and	DERWENT	
		(base adj station)) and (((wireless or		
		cellular) and (mobile or remote or		·
		subscriber)) and (base adj station)) and	ľ	
		(uplink or upstream)		
_	3787	((((wireless or cellular) and (wireless	USPAT;	2003/09/05 07:04
*] 3,0,	or cellular) and (mobile or remote or	US-PGPUB;	2003,03,03
		subscriber)) and ((wireless or cellular)	EPO; JPO;	
		and (mobile or remote or subscriber)) and	DERWENT	
		(base adj station)) and (((wireless or	DEKWENT	
		cellular) and (mobile or remote or		
		subscriber)) and (base adj station)) and		
		(uplink or upstream)) and ((((wireless or		
		cellular) and (mobile or remote or		
		subscriber)) and (base adj station)) and	-	
		(uplink or upstream)) and (downlink or	'	
	i	downstream)		
_	1166	· ·	USPAT;	2003/09/05 10:25
	1100	or cellular) and (mobile or remote or	US-PGPUB;	2003/03/03 10.23
		subscriber)) and ((wireless or cellular)	EPO; JPO;	
		and (mobile or remote or subscriber)) and	DERWENT	
		(base adj station)) and (((wireless or	DERWENT	
		cellular) and (mobile or remote or	:	
		subscriber)) and (base adj station)) and	ł	
		(uplink or upstream)) and ((((wireless or	l	1
		cellular) and (mobile or remote or		1
,		subscriber)) and (base adj station)) and		
		(uplink or upstream)) and (downlink or		
		downstream)) and ((((wireless or		
		cellular) and (mobile or remote or		
		subscriber)) and (base adj station)) and		
		(uplink or upstream)) and (downlink or		
		downstream)) and (ofdma fdm or fdma or		
,		fdd)		1
_	1069	(((((wireless or cellular) and (USPAT;	2003/09/05 07:16
	1009	wireless or cellular) and (mobile or	US-PGPUB;	2003/03/03 07:10
i		remote or subscriber)) and ((wireless or	EPO; JPO;	
ĺ		cellular) and (mobile or remote or	DERWENT	
l		subscriber)) and (base adj station)) and	DELMENT	
l		(((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
i		station)) and (uplink or upstream)) and		
		((((wireless or cellular) and (mobile or		
	•	remote or subscriber)) and (base adj		
l		station)) and (uplink or upstream)) and		
				1
		(downlink or downstream)) and (((()	1	
		(downlink or downstream)) and (((((
		wireless or cellular) and (mobile or		
ļ		wireless or cellular) and (mobile or remote or subscriber)) and (base adj		
		wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and		
		wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm		
		wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and		

-	836	((((((wireless or cellular) and (USPAT;	2003/09/05 07:37
		wireless or cellular) and (mobile or	US-PGPUB;	
		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	}
		subscriber)) and (base adj station)) and		1
		(((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj]
		station)) and (uplink or upstream)) and		1
		((((wireless or cellular) and (mobile or		
l i		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and ((((
		1 '		
		wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and (ofdma fdm		
		or fdma or fdd)) and (assign\$4 or		
		allocat\$5 or designat\$4)) and (assign\$4		ţ
		or allocat\$5 or designat\$4) SAME (carrier		
		or frequenc\$4 or tone)		
_	407138	(((((((wireless or cellular) and (USPAT;	2003/09/05 07:19
[wireless or cellular) and (mobile or	US-PGPUB;	1
		remote or subscriber)) and ((wireless or	EPO; JPO;	
ļ Ī		cellular) and (mobile or remote or	DERWENT	
		subscriber)) and (base adj station)) and		·
		(((wireless or cellular) and (mobile or		i i
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		((((wireless or cellular) and (mobile or		
ŀ		remote or subscriber)) and (base adj		
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		station)) and (uplink or upstream)) and		·
		(downlink or downstream)) and ((((· .
		wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
l í		(downlink or downstream)) and (ofdma fdm		
		or fdma or fdd)) and (assign\$4 or		1
		allocat\$5 or designat\$4)) and (carrier		· .
		or frequenc\$4 or tone) SAME (uplink or		1
		upstream) or (downlink or downstream)		
_	678	(((((((wireless or cellular) and (USPAT;	2003/09/05 10:26
· ·		wireless or cellular) and (mobile or	US-PGPUB;	
		remote or subscriber)) and ((wireless or	EPO; JPO;	
]		cellular) and (mobile or remote or	DERWENT	
l i		subscriber)) and (base adj station)) and		
		(((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and	1	
		((((wireless or cellular) and (mobile or	1	
		remote or subscriber)) and (base adj	1	
		station)) and (uplink or upstream)) and		1
		(downlink or downstream)) and ((((1	
		wireless or cellular) and (mobile or		1
		remote or subscriber)) and (base adj		
[station)) and (uplink or upstream)) and		
		(downlink or downstream)) and (ofdma fdm		
		or fdma or fdd)) and.(assign\$4 or		
		allocat\$5 or designat\$4)) and (assign\$4		[
		or allocat\$5 or designat\$4) SAME (carrier]	
]		or frequenc\$4 or tone)) and (carrier		
		or frequenc\$4 or tone) SAME ((uplink or	1	
		upstream) or (downlink or downstream))	1	
		1	L	·

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–	437	((((((((wireless or cellular) and (USPAT;	2003/09/05 07:21
		wireless or cellular) and (mobile or	US-PGPUB;	
		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	
		subscriber)) and (base adj station)) and		
		(((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		((((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and ((((
		wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj	1	•
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and (ofdma fdm		1
		or fdma or fdd)) and (assign\$4 or		1
		allocat\$5 or designat\$4)) and (assign\$4		
		or allocat\$5 or designat\$4) SAME (carrier		
		or frequenc\$4 or tone)) and (carrier		
		or frequenc\$4 or tone) SAME ((uplink or		
		upstream) or (downlink or downstream)))		
•		and (assign\$4 or allocat\$5 or designat\$5)		
		same (carrier or frequenc\$4 or tone)		
		SAME ((uplink or upstream) or (downlink	1	
		or downstream))		
_	131	(((((((((wireless or cellular) and (USPAT;	2003/09/05 07:38
		wireless or cellular) and (mobile or	US-PGPUB;	2003/03/03 07.30
		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	
	1	subscriber)) and (base adj station)) and		
		(((wireless or cellular) and (mobile or		
•		remote or subscriber)) and (base adj		1
		station)) and (uplink or upstream)) and		
		((((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		1
	}	station)) and (uplink or upstream)) and		İ
		(downlink or downstream)) and ((((
		wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj	•	
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and (ofdma fdm		
			,	
		or fdma or fdd)) and (assign\$4 or		1
1		allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier		
	1	or frequenc\$4 or tone)) and (carrier		1
	1	or frequenced or tone) CAME //unlink or		
		or frequenc\$4 or tone) SAME ((uplink or		
		upstream) or (downlink or downstream)))		
		upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5)		
		upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone)		
		upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink		
		upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone)		

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wireless or cellular) and (mobile or remote or subscriber) and (wireless or cellular) and (mobile or remote or subscriber) and (base adj station)) and ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and ((downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream) and (downlink or downstream) and (or fame or fed) and assign or allocates or designates) and (assign or allocates) or designates) and (assign or allocates) or designates) and (assign or allocates) or designates) and (assign or allocates) or designates) and (assign or allocates) or designates) and (assign or allocates) or designates) and (assign or allocates) or designates) and (assign or allocates) or designates) and ((assign or allocates) or designates) and ((wireless or cellular) and (wireless or cellular) and (wireless or cellular) and (wireless or cellular) and (mobile or remote or subscriber) and (base adj station) and ((wireless or cellular) and (mobile or remote or subscriber) and (base adj station) and (uplink or upstream) and (((wireless or cellular) and (mobile or remote or subscriber) and (base adj station) and (uplink or upstream) and (downlink or downstream)) and ((wireless or cellular) and (mobile or remote or subscriber) and (assign or allocate) or designates) and (castign or allocate) or de					
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remote or subscriber) and ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream) and (downlink or downstream)) and (office or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (office or remote or subscriber)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone) SAME ((uplink or upstream)) and (active or downstream))) and (active or downstream))) and (active or downstream)) and (active or timeslabiot\$4 or tadd or tadm or tama) - 36 ((((((((((((((wireless or cellular) and (wireless or cellular) and (wireless or cellular) and (wireless or cellular) and ((wireless or cellular) and ((((((wireless or cellular) and ((wireless or cellular) and ((obile or remote or subscriber)) and (base adj station)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (adj and (assign\$4) and (assign\$4) and (assign\$4 or allocat\$5 or designat\$4) same (carrier or frequenc\$4 or tone) same (carrier or frequenc\$4 or tone) same (carrier or frequenc\$4 or tone) same (carrier or frequenc\$4 or downstream)) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) same (carrier or frequenc\$4 or tone) same (carrier or frequenc\$5 or designat\$5) same (carrier or frequenc\$				US-PGPUB;	1
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station) and (uplink or upstream) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream) and ((downlink or downstream)) and ((((())) and (assign\$4 or allocat\$5 or designat\$4) and (assign\$4 or allocat\$5 or designat\$4) \$AME (carrier or frequenc\$4 or tone) and (base and) and (assign\$4 or allocat\$5 or designat\$4) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone) \$AME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone) \$AME ((uplink or upstream) or (downlink or downstream)) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) \$AME (time or time\$lslot\$4 or tdo or tdm or tdma) ((((((((((((((((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (assign\$4 or allocat\$5 or designat\$4) \$AME (carrier or frequenc\$4 or tone) \$AME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$4) \$AME (carrier or frequenc\$4 or tone) \$AME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$4) same (carrier or frequenc\$4 or tone) \$AME ((uplink or upstream) or (downlink or downstream)) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) \$AME (time or time\$1 tone t					
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or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$4) or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and					
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or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and			or allocat\$5 or designat\$4) SAME (carrier		·
<pre>upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and</pre>					'
and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and		ļ			
<pre>same (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and</pre>					
SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and					
or downstream))) and (assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and] .]
allocat\$5 or designat\$4) near2 dynamic\$5) and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and					
and ((assign\$4 or allocat\$5 or designat\$4) near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdm or tdma)) and				,	
near2 dynamic\$5) SAME (time or time\$1slot\$4 or tdd or tdma)) and					
time\$1slot\$4 or tdd or tdm or tdma)) and]
	•				
@ad <= "19981125"					
			@ad <= "19981125"		<u> </u>

-	4	((((((((wireless or cellular) and (USPAT;	2003/09/05 07:48
,		wireless or cellular) and (mobile or	US-PGPUB;	
1		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	
		subscriber)) and (base adj station)) and		
		(((wireless or cellular) and (mobile or	, ,	
		remote or subscriber)) and (base adj	į	
		station)) and (uplink or upstream)) and		
		((((wireless or cellular) and (mobile or	·	
		remote or subscriber)) and (base adj		·
	•	station)) and (uplink or upstream)) and		
		(downlink or downstream)) and ((((
		wireless or cellular) and (mobile or		·
		remote or subscriber)) and (base adj		
	}	station)) and (uplink or upstream)) and		.
		(downlink or downstream)) and (ofdma fdm		
	1	or fdma or fdd)) and (assign\$4 or		
		allocat\$5 or designat\$4)) and (assign\$4		
		or allocat\$5 or designat\$4) SAME (carrier		
		or frequenc\$4 or tone)) and (carrier		
		or frequenc\$4 or tone) SAME ((uplink or		
		upstream) or (downlink or downstream)))		
		and (assign\$4 or allocat\$5 or designat\$5)		
		same (carrier or frequenc\$4 or tone)		
		SAME ((uplink or upstream) or (downlink		
Į.		or downstream))) and (fwl or fixed adj2		,
	1	loop)	1	
_	11	((((((((((wireless or cellular)	USPAT;	2003/09/05 08:27
		and (wireless or cellular) and (mobile or	US-PGPUB;	2000,00,00
		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	
	· ·	subscriber)) and (base adj station)) and	DERWEIT	
		(((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj	,	·
		station)) and (uplink or upstream)) and		
'		((((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
1				
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and ((((
		wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and (ofdma fdm		
		or fdma or fdd)) and (assign\$4 or		·
		allocat\$5 or designat\$4)) and (assign\$4		
		or allocat\$5 or designat\$4) SAME (carrier		
	1.	or frequenc\$4 or tone)) and (carrier	1	
	1	or frequenc\$4 or tone) SAME ((uplink or	ļ	
	1	upstream) or (downlink or downstream)))		·
	1	and (assign\$4 or allocat\$5 or designat\$5)	· .	
		same (carrier or frequenc\$4 or tone)		·
		SAME ((uplink or upstream) or (downlink		
		or downstream))) and (assign\$4 or		
	[allocat\$5 or designat\$4) near2 dynamic\$5)		
	[and ((assign\$4 or allocat\$5 or designat\$4)		
		near2 dynamic\$5) SAME (time or		
		time\$1slot\$4 or tdd or tdm or tdma)) and		
	}	@ad <= "19981125") and (orthogonal\$\$)		0000/00/05 00 1-
-	43	ofdma.ab.	USPAT;	2003/09/05 09:17
	1		US-PGPUB;	
	[EPO; JPO;	
			DERWENT	
_	0	(ofdma.ab. and (uplink or upstream)	USPAT;	2003/09/05 11:01
		and (downlink or downstream)) and @ad	US-PGPUB;	
		<= "19981125"	EPO; JPO;	
	[DERWENT	
_	8	ofdma.ab. and (uplink or upstream) and	USPAT;	2003/09/05 09:30
		(downlink or downstream)	US-PGPUB;	
	-		EPO; JPO;	
			DERWENT	
-	15630	fixed adj2 (wireless or radio or unit or	USPAT;	2003/09/05 10:24
		mobile or loop)	US-PGPUB	
L	 	<u> </u>		

mobile or loop)					
178	_	27371		US-PGPUB;	2003/09/05 10:25
407141	- .	178	or mobile or loop)) and orthogonal adj2	DERWENT USPAT; US-PGPUB;	2003/09/05 10:25
Or mobile or loop) and orthogonal adj2	_	407141		DERWENT	2003/09/05 10:27
-		407141	or mobile or loop)) and orthogonal adj2 (frequency or tone or carrier)) and (uplink or upstream) or (downlink or	US-PGPUB; EPO; JPO;	2003, 03, 03
10		67	((fixed adj2 (wireless or radio or unit or mobile or loop)) and orthogonal adj2 (frequency or tone or carrier)) and (uplink or upstream) AND (downlink or	US-PGPUB; EPO; JPO;	2003/09/05 11:08
Total content of the properties of radio or unit or mobile or loop) and orthogonal adj2 (frequency or tone or carrier) and (uplink or upstream) AND (downlink or downstream) and ead <= "19981125") and ofdm\$2 with fdd		10	(((fixed adj2 (wireless or radio or unit or mobile or loop)) and orthogonal adj2 (frequency or tone or carrier)) and (uplink or upstream) AND (downlink or	US-PGPUB; EPO; JPO;	2003/09/05 11:08
- 17 ofdm\$2 with fdd - 2 (ofdm\$2 with fdd) and @ad <= USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT	-	7	<pre>((((fixed adj2 (wireless or radio or unit or mobile or loop)) and orthogonal adj2 (frequency or tone or carrier)) and (uplink or upstream) AND (downlink or downstream)) and @ad <= "19981125") and</pre>	US-PGPUB; EPO; JPO;	2003/09/05 11:16
- 6 ofdma with fdd USPAT; 2003/09/05 11:03 US-PGFUB; EPO; JPO; DERWENT USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB USPAT; US-PGFUB; EPO; JPO; DERWENT USPAT; US-PGFU	_	17			2003/09/05 11:01
- 6 ofdma with fdd	_	2		US-PGPUB; EPO; JPO;	2003/09/05 11:21
13	_	6	ofdma with fdd	USPAT;	2003/09/05 11:03
Corthogonal\$5 or ofdm\$2)	-	22	fixed adj wireless adj loop		2003/09/05 11:03
Corthogonal\$5 or ofdm\$2)) and @ad <= US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;	-	13	(orthogonal\$5 or ofdm\$2)	ł	2003/09/05 11:04
- 18 fdd/tdm\$2	_	11	(orthogonal\$5 or ofdm\$2)) and @ad <=	US-PGPUB; EPO; JPO;	2003/09/05 11:05
- 13 fdd/tdm\$2 and @ad <= "19981125" USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; and @ad <= "19981125" US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-	_	18	fdd/tdm\$2	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:05
- 80 fdma with fdd USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT	_	13	fdd/tdm\$2 and @ad <= "19981125"	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:07
- 6 ((fdma with fdd) and (uplink or upstream) AND (downlink or downstream)) USPAT; US-PGPUB; and @ad <= "19981125" EPO; JPO; DERWENT USPAT;	_	80	fdma with fdd	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:08
- 27 (fdma with fdd) and (uplink or upstream) AND (downlink or downstream) USPAT; US-PGPUB; EPO; JPO; DERWENT - 1 ((((US-5933421-\$).did.) and (downlink or USPAT; 2003/09/05 11:21	_	6	upstream) AND (downlink or downstream))	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:14
- 1 ((((US-5933421-\$).did.) and (downlink or USPAT; 2003/09/05 11:21	-	27		USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:41
or upstream) AND (downlink or downstream) EPO; JPO; DERWENT	_	1	downstream)) and ofdm\$1) and (uplink	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:21

			•		
1 (ofdma\$2 and (uplink or upstream) AND (downlink or downstream) and 8ad <= "US=PGUBLE US=PGUBLE	_	33		US-PGPUB;	2003/09/05 11:21
dynamic near2 (allocat\$4 or assign\$7 or designat\$4) with (ofdn\$1 or orthogonal adj tone) same (uplink or downlink)	-	1	downlink or downstream)) and @ad <=	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 12:14
- 4076 dynamic near2 (allocats4 or assigns7 or designat84) 3003/09/05 22:20 2003/09/05 22:40 2003/		. 0	designat\$4) with (ofdm\$1 or orthogonal adj		2003/09/05 21:46
-	-	4076	dynamic near2 (allocat\$4 or assign\$7 or	USPAT	2003/09/05 22:20
Company Comp	-	. 37	(dynamic near2 (allocat\$4 or assign\$7 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (ofdm\$1 or orthogonal	US-PGPUB; EPO; JPO;	2003/09/05 21:48
Upstream Or (downlink or downstream) (((dynamic near2 (allocat\$4) or assign\$7 or designat\$4) And (assign\$4 or allocat\$5 or designat\$4) SAME (uplink or downstream) USPAT; US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-GPUB; EPO; JPO; DERWENT US-G	-	26	((dynamic near2 (allocat\$4 or assign\$7 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (ofdm\$1 or orthogonal adj tone)) and (assign\$4 or allocat\$5	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 21:49
-	-	7	upstream) or (downlink or downstream)) (((dynamic near2 (allocat\$4 or assign\$7 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (ofdm\$1 or orthogonal adj tone)) and (assign\$4 or allocat\$5 or designat\$4) SAME ((uplink or upstream) or (downlink or downstream)))	US-PGPUB; EPO; JPO;	2003/09/05 22:43
A81 ofdm\$1.clm. Ofdm\$1.clm. USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DE	-	3	(dynamic near2 (allocat\$4 or assign\$7 or designat\$4)) and dynamic near2 (allocat\$4 or assign\$7 or designat\$4) WITH	US-PGPUB; EPO; JPO;	2003/09/05 22:01
Ofdm\$1.clm. and (dynamic\$ or variable) and uplink and downlink.clm.	_	481		USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:14
- 807 d5dm\$2 ofdm\$2 ofdm\$2 USPAT USPAT; USPA	_	11		USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:20
- 99 ofdm\$2 AND (ofdm\$2 discrete or orthogonal) with (uplink or downlink) - 56 (ofdm\$2 AND (ofdm\$2 discrete or orthogonal) uspat; uspa	-			USPAT USPAT; US-PGPUB;	
- 56 (ofdm\$2 AND (ofdm\$2 discrete or orthogonal) with (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj slot) - 5 ((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) with (uplink or downlink)) AND (USPAT; USPAT;	-	99		USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:51
- S ((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) with (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj slot)) and @ad <= "19981125" DERWENT (USPAT; US-PGPUB; EPO; JPO; DERWENT (USPAT; SAME (uplink or downlink) US-PGPUB; EPO; JPO; DERWENT (USPAT; US-PGPUB; EPO; JPO; DERWENT (USPAT; US-PGPUB; EPO; JPO; DERWENT (USPAT; US-PGPUB; EPO; JPO; DERWENT (USPAT; US-PGPUB; EPO; JPO; DERWENT (USPAT; US-PGPUB; EPO; JPO; Slot) - 11 ((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)) EPO; JPO; Slot) - 11 ((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)) US-PGPUB; EPO; JPO; Slot) AND (tdma ot tdm ot time\$1slot or time adj orthogonal) SAME (uplink or downlink)) EPO; JPO; DERWENT (USPAT; USPAT; -	56	orthogonal) with (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:49	
- 146 ofdm\$2 AND (ofdm\$2 discrete or orthogonal) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; Slot) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPA	_	5	((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) with (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:49
- 81 (ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj slot) - 11 ((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj EPO; JPO; DERWENT USPAT; US-PGPUB; AND (tdma ot tdm ot time\$1slot or time adj EPO; JPO;	_	146	ofdm\$2 AND (ofdm\$2 discrete or orthogonal)	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:48
- 11 ((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)) US-PGPUB; AND (tdma ot tdm ot time\$1slot or time adj EPO; JPO;	-	81	orthogonal) SAME (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:49
TO THE CONTRACT OF THE PROPERTY OF THE PROPERT	-	11	((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink))	USPAT; US-PGPUB;	2003/09/06 11:15

_	11	(((ofdm\$2 AND (ofdm\$2 discrete or	USPAT;	2003/09/05 22:52
		1 ' ' '	US-PGPUB;	
		AND (tdma ot tdm ot time\$1slot or time adj	EPO; JPO;	
		slot)) and @ad <= "19981125") and	DERWENT	
		(uplink or downlink)		